

REMARKS

Claims 1-14 and 16-17 are pending. Claims 3, 4, 8, and 9 are withdrawn as drawn to non-elected species. Claim 15 has been cancelled as the subject of Claim 15 is disclosed in amended Claim 1. Claim 1 has been amended to more specifically claim what Applicant considers to be their invention. Support for the amendment to Claim 1 derives from the specification and claims as originally filed. Accordingly, the amendments do not present new matter and entry is proper.

Election of Species Requirement

Applicants are required to elect a single disclosed species for the particular timing of insertion (claims 3-4) and type of active site (claims 7-9). See Office Action page 2. As regards the first species election, Applicants assume that the Examiner meant to include claim 2, as claim 2 also is drawn to a particular timing of insertion.

Applicants elect the embodiment disclosed in Claim 2, wherein the timing of the insertion is done at the same time as the protein design cycle, as the single disclosed species for the particular timing of insertion.

Applicants elect the embodiment disclosed in Claim 7, wherein the active site catalyzes a known enzymatic reaction, as the single disclosed species for the type of active site.

Claims 1-2, 5-7, 10-14, and 16-17 read on the elected species.

This election is made without traverse with the understanding that should allowable subject matter be found, Applicants are entitled to consideration of a generic claim encompassing additional species, such as those disclosed in claims 3, 4, 8 and 9.

See M.P.E.P. § 806.04(d).

Please direct further questions in connection with this Application to the
undersigned at (415) 781-1989.

Respectfully submitted,

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DORSEY & WHITNEY LLP

By:

Renee M. Kosslek, Reg. No. 47,717 for
Robin M. Silva, Reg. No. 38,304

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Customer No. 32940

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